

August 15, 1985

TO: File

FROM: Everett Hooper, Soils Specialist *EH*
Tom Munson, Reclamation Hydrologist *TM*

RE: Enercor Rainbow Project, D-17047/011, Uintah County, Utah

On Thursday July 31, 1985 Tom Munson and Everett Hooper of the Division staff inspected the Enercor Rainbow Project located in Section 32, Range 25 East, Township 12 South. The inspection was conducted at the request of Mr. John Blake of the Division of State Lands and Forestry (DSLRF). Mr. Blakes request was for recommendation on what could be done to the site to enhance successful revegetation and erosion control.

The inspection revealed that the majority of the area that had been reseeded was bare tars sands, and has very little success. At the present time conditions at the site exist that would take many years for vegetation to become established and control erosion. To allow the site to be reclaimed in as few of years as possible the side slopes need to be reduced, soil material placed over the exposed the sands and the area reseeded.

The area of hydrologic concern involves several erosion channels which have formed on the northeastern edge of the pad. The way that the pad area drains, it directs water to these two unprotected channels. Overtime, they will increase in size and potentially cause considerable erosion in two unprotected areas where the surface flow concentrates at the edge of the pad and velocities increase dramatically. The only option available to alleviate this problem would be to reshape the surface of the pad to drain to the southwestern corner where slopes are less and provide protection in the area where flows will leave the pad area. It is felt this could be done and benefit both revegetation concerns by covering up the black tarsands where revegetation success is slim, as well as redirecting the surface water flows away from the erosion channels forming on the northeastern edge of the pad.

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